

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Application of:

KAVEH SHAKERI

Application No.: 09/808,372

Filed: March 13, 2001

For: **Low Power Passive Correlators for
Multichannel Global Positioning System
Signal Receiver**

Art Group: 2634

Examiner: Dac V. Ha

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

In accordance with the duty of disclosure, enclosed is a copy of IDS Citation Form PTO/SB/08 or PTO-1449, together with copies of the documents cited on that form, except for copies not required to be submitted (e.g., copies of U.S. patents and U.S. published patent applications need not be enclosed). This IDS and IDS Citation Form are being submitted concurrently with the . It is respectfully requested that the cited references be considered and that the enclosed copy of PTO/SB/08 be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant(s).

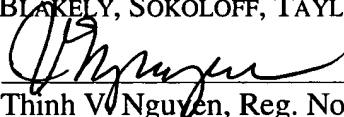
The submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made in the subject application and is not to be construed as an admission that the information cited in this statement is material to patentability.

Please charge any fees due to Deposit Account 02-2666. A duplicate copy of the Fee Transmittal (PTO/SB/17) is enclosed for this purpose.

Respectfully submitted,

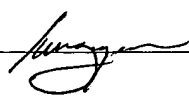
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Date: March 16, 2005


Thanh V. Nguyen, Reg. No. 42,034

12400 Wilshire Boulevard, 7th Floor
Los Angeles, CA 90025

I hereby certify that this correspondence is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.


Tu T. Nguyen

03-16-05
Date

SUBSTITUTE FOR FORM 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
				Application Number	09/808,372
				Filing Date	March 13, 2001
				First Named Inventor	Kaveh Shakeri
				Art Unit	2634
				Examiner Name	Dac V. Ha
				Attorney Docket Number	71811P008
Sheet	1	of	3		

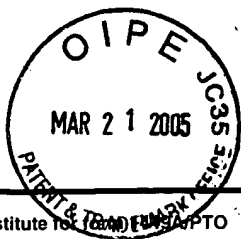
U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.¹	Document Number	Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code² (if known)			
		US-4,651,154	03-17-1987	Wong	
		US-4,701,934	10-20-1987	Jasper	
		US-4,785,463	11-15-1988	Janc	
		US-5,222,245	06-22-1993	Ando	
		US-5,365,447	11-15-1994	Dennis	
		US-5,402,347	03-28-1995	McBurney	
		US-5,420,593	05-30-1995	Niles	
		US-5,535,237	07-09-1996	Lapadula	
		US-5,594,453	01-14-1997	Rodal	
		US-5,592,173	01-07-1997	Lau	
		US-5,629,708	05-13-1997	Rodal	
		US-5,650,785	07-22-1997	Rodal	
		US-5,663,734	09-02-1997	Krasner	
		US-5,703,597	12-30-1997	Yu	
		US-5,781,156	07-14-1998	Krasner	
		US-5,798,732	08-25-1998	Eshenbach	
		US-5,831,574	11-03-1998	Krasner	
		US-5,841,396	11-24-1998	Krasner	
		US-5,854,605	12-29-1998	Gildea	
		US-5,874,914	02-23-1999	Krasner	

[illegible]

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.



Substitute for (b)(6) and (b)(7)(C) PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Sheet

3

of

3

Complete if Known

Application Number	09/808,372
Filing Date	March 13, 2001
First Named Inventor	Kaveh Shakeri
Art Unit	2634
Examiner Name	Dac V. Ha
Attorney Docket Number	71811P008

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.†	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
		MICHAEL S. BRAASCH, A.J. Van Dierendonck, "GPS Receiver Architectures and Measurements", Proceedings of the IEEE, Vol. 87, No. 1, January 1999, pp 18-64.	
		CHADHA, K., "The Global Positioning System: Challenges in Bring GPS to Mainstream Consumers", IEEE International Solid-State Circuits Conference, 1998, Digest of Technical Papers, Page(s): 26 "28.	
		P.G. MATTOS, "WAAS/EGNOS "Ready 2-Chip GPS Chipset", IEEE Conference on Satellite Systems for Mobile Communications and Navigation, 13-15th May 1996, pp 24-27.	
		D.J.R. VAN NEE et. Al. "New Fast GPS Code-Acquisition Technique Using FFT", Electronics Letters, Jan. 17, 1991, Vol. 27, No. 2, pp 158-160.	
		ASAI, T.; SAKAMOTO, T.; HASE, T., "Software Solution of GPS Baseband Processing", International Conference on Consumer Electronics, 1998. ICCE. 1998 Digest of Technical Papers, Page(s): 180 "181.	
		K. BOEHM, et. Al., "An IF Digitizing Receiver for a Combined GPS/GSM Terminal", Proceedings of IEEE RAWCON 1998, pp 39-42.	
		WON NAMGOONG, Sydney Reader, Teresa Meng, "An All-Digital IF GPS Synchronizer for Portable Applications", ISSCC 99, Paper WA 19.5, pp 340-341.	
		TERESA MENG, "Low Power GPS Receiver Design", IEEE Workshop on Signal Processing Systems, 1998. SIPS 98, Page(s): 1-10.	
		READER, S., NAMGOONG, W., MENG, T., "Partitioning Analog and Digital Processing in a Single Chip GPS Receiver", IEEE Workshop on Signal Processing Systems, 1998. SIPS 98, Page(s): 253-259.	
		WEIHUA ZHUANG; SUNDARA MURTHY, K.M., "Modeling and Performance Analysis of Digital Baseband Processor of the GPS Receiver", Third IEEE International Symposium on Personal, Indoor and Mobile Radio communications, 1992. Proceedings, PIMRC '92, Page(s): 372-376.	
		WON NAMGOONG, "Fast and Power-Efficient Synchronization of Direct-Sequence Spread Spectrum Signals", PhD Dissertation, Stanford University, July 1999.	
		GUO GUIRONG, et al. "Mixer Free All Digital Quadrature Demodulation", Proceedings of ICSP98, pp. 1704-1707.	

Examiner
SignatureDate
Considered

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

†Applicant's unique citation designation number. *Applicant is to place a check mark here if English language Translation is attached.

Based on PTO/SB/08B (08-03) as modified by Blakely, Solokoff, Taylor & Zalman (wlr) 08/11/2003.
Send To: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450